



MEETING MINUTES

PROJECT: Water Treatment Plant	PAGE: 1 of 2
OWNER: City of Long Beach	PROJECT NUMBER: 08856
MEETING DATE: 12/14/10	CONTRACTOR: Rotschy, Inc.

PRESENT: Dan Naughton, PACE Engineers, Inc.
Dave Wiebe, PACE Engineers, Inc.
Rick Gray, City of Long Beach
Jake Binoian, City of Long Beach
Don Zuern, City of Long Beach
Casey Danforth, Rotschy, Inc.

1. COMMENTS ON PREVIOUS MEETING:

- No discussion.

2. SCHEDULE:

- See the attached three-week look ahead.
- Three small buildings:
 - Insulation has been installed and inspected.
 - Drywall will begin today.
 - Siding will begin after the metal roof is completed on the WTP.
- Chlorite analyzers should arrive in 2 to 3 weeks.
- New grate piece with correct penetration should arrive next week.
- The PALL supplied off-skid instrumentation for the project will be shipped out and should arrive next week.

3. SUBMITTALS:

- No discussion.

4. RFI'S:

- Discussed RFI 38. Cundiff anticipates a final response should be available by the end of the day for distribution.
- Discussed RFI 41. The hypo generator control panel can accept either 208 volts or 230 volts. 230 volt power is not available so the electrician will provide 208 volt power.

5. PROPOSED CHANGE ORDERS:

- No discussion.

6. CONSTRUCTION ISSUES:

- Discussed sheet-metal covering for fascia on the three out-buildings. The level fascia has been covered, but not the gable ends. Casey Danforth will talk to roofer to make sure all exposures are covered.
- Discussed clearwell disinfection. Rotschy will pressure wash all surfaces and vacuum out debris/water prior to installing the curtain baffle. When this is completed, the clearwell surfaces will be sprayed with a chlorine solution as the first step in final clearwell disinfection.
- Discussed disinfection of facilities. See specification 01750 for requirements. After clearwell passes bacteriological testing, water will be pumped to the EFM vault, de-chlorinated, and released to the pond system.
- Chemical tank restraints are on-site and will be attached to the base of the tanks to prevent movement in a seismic event. The seismic calcs for the 2,500 gallon tanks should be complete and sent to PACE for review by the beginning of next week.
- Progress was discussed about the pipe fabrication in the pipe gallery and the chemical feed piping. It was agreed that the Rotschy workmen are doing an excellent job and their craftsmanship is appreciated by City staff and PACE.
- City is supplying needed parts for the additional hypo pump installation. Pump purchased by City to provide additional redundancy.



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7. CONTRACTOR CONCERNS:

- No discussion.

8. ENGINEER / CITY CONCERNS:

- Rick Gray discussed his desire to have 230 volt or even 240 volt power at the CIP vault to power a pump for fluid transfer to a tanker truck for disposal of the CIP discharge. A conduit is available for this purpose. Dan Naughton will check with Cundiff regarding the use of a "Buck Booster" to provide the proper voltage.
- Rick would like to add an approximately 3' high "catwalk" between the soda ash and bicarb storage tanks to facilitate addition of dry soda ash and bicarb to storage tanks.

9. Q & A:

- Question: Discussed who supplies chemicals required for the start-up period. Dan will check the specifications.
 - Answer: The City will provide all chemicals.

LONG BEACH WATER TREATMENT PLANT

THREE WEEK ROLLING SCHEDULE

[illegible]